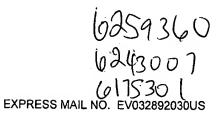
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## **CLAIMS**

1. A monitoring device for monitoring conditions in a pneumatic tire; the device comprising:

a monitoring package, a power source, a first coupling element, and a second coupling element;

the first coupling element connected to the power source;
the second coupling element connected to the monitoring package; and
the first and second coupling elements being aligned and spaced apart

whereby power is supplied to the monitoring package from the power source.

- 2. The device of claim 1, further comprising an attachment patch; the monitoring package being connected to the attachment patch.
- 3. The device of claim 2, wherein the monitoring package is connected to the outer surface of the attachment patch.
- 4. The device of claim 3, further comprising a patch connected to the power source; the patch connecting the power source to the attachment patch.
- 5. The device of claim 2, wherein the monitoring package is embedded within the body of the attachment patch.

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- 6. The device of claim 5, further comprising a patch connected to the power source; the patch connecting the power source to the attachment patch.
- 7. The device of claim 1, wherein the first and second coupling elements are coils.
- 8. The device of claim 1, wherein the first and second coupling elements are pads.
- 9. A monitoring device for monitoring conditions in a pneumatic tire; the device comprising:

a monitoring package and a power source; and the power source being electrically coupled to the monitoring package to

provide power to the monitoring package.

- 10. The device of claim 9, wherein the power source is a battery.
- 11. The device of claim 9, further comprising:
  - a first coupling element electrically connected to the monitoring package;
- a second coupling element electrically connected to the power source;

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and

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the first and second coupling elements being aligned and spaced apart whereby power is supplied to the monitoring package from the power source through electrical coupling.

- 12. The device of claim 11, wherein the first and second coupling elements are coils.
- 13. The device of claim 11, wherein the first and second coupling elements are pads.
- 14. The device of claim 9, further comprising an attachment patch; the monitoring package being connected to the attachment patch.
- 15. The device of claim 14, wherein the monitoring package is connected to the outer surface of the attachment patch.
- 16. The device of claim 15, further comprising a patch connected to the power source; the patch connecting the power source to the attachment patch.
- 17. The device of claim 14, wherein the monitoring package is embedded within the body of the attachment patch.

18. The device of claim 17, further comprising a patch connected to the power source; the patch connecting the power source to the attachment patch.